

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being electronically filed in accordance with § 1.6(a)(4), on the 21 day of May, 2009.

/Cathy M. McCarty/
Cathy M. McCarty, Reg. No. 54,301

Commissioner for Patents

**REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWER OF ATTORNEY**

Sir:

The undersigned, BIOGEN IDEC MA INC., a Massachusetts Corporation, assignee of the entire right, title and interest in the above-identified application, hereby revokes all previous powers of attorney or authorizations of agent given in the above-identified patent application, and any divisional, continuing, substitute, renewal or reissue application thereof, and appoints all practitioners associated with Customer Number:

76776

as assignee's attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue application(s) thereof.

The undersigned, whose title appears below, is authorized to act on behalf of the assignee.

Please address all telephone calls to Cathy M. McCarty at telephone no. (617) 395-7087.

Please address all correspondence to the correspondence address associated with
Customer Number:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

BIOGEN IDEC MA INC.

By: Eugene J. Kim
Name: Eugene Kim, Ph.D., J.D.
Title: Patent Agent

Dated: 5/8/2009

ASSIGNEE CERTIFICATION

Attached to this power is a Certificate Under 37 CFR 3.73(b).

Dated: May 21, 2009

/Cathy M. McCarty/
Cathy M. McCarty, Reg. No.54,301
LOWRIE, LANDO & ANASTASI, LLP
Riverfront Office Park
One Main Street
Cambridge, MA 02142
Tel: (617) 395-7087
Fax: (617) 395-7070

SCHEDULE A

BIOGEN IDEC MA INC.
GRANTED/PUBLISHED U.S. PATENT APPLICATIONS

App. Docket No.	Status	Application No.	Filing Date	Patent No.	Issue Date
B2047-7031US	Granted	10/552303	09-Apr-2004	7285550	23-Oct-2007
B2047-7033US	Published	10/552302	09-Apr-2004		
B2047-7034US	Published	10/552304	09-Apr-2004		
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